Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 25 Dec 2021 until 23:59 on Sunday 26 Dec 2021

Forecast Issued on Saturday 25 Dec 2021 at 03:35

Confidence: Low to medium for Christmas day detail with poor conditions probable for much of the day. Confidence high for an unsettled start for Boxing day then improving later, but lower for the detail of worst of conditions, and also for the pattern from Monday.

Headline for Saturday 25 Dec 2021: Cloudy with outbreaks of rain and snow. Feeling cold in gale force winds.

Mountain weather hazards on Saturday 25 Dec 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Light snow	Light snow	Heavy snow
Precipitation probability					
50%	30%	10%	30%	60%	70%

Forecast for Saturday 25 Dec 2021

Weather: Overcast occasional mostly light rain and snow. Early Christmas morning brings some patchy rain, falling as snow above around 400m. Perhaps drier and a little brighter for a time in the morning before cloud thickens and lowers from the south through the afternoon to bring a showery area of snow, and perhaps freezing rain, from mid-afternoon onwards.

Chance of cloud free mountain/hill tops above 600m: 20% at first, becoming 50% by mid-day, then 10% or less in evening as broken to overcast bases lower to 300m.

Visibility: Generally moderate to poor for much of the day, especially in rain and sleet and very poor in snow and in cloud covering higher slopes and summits, mainly on Christmas Day evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Saturday 25 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/43 E	31/42 E	30/41 E	29/40 E	30/42 E	28/40 E	26/36 E
300	24/37 E	23/38 E	21/33 E	22/37 E	23/38 E	22/36 E	22/35 E
Valley	18/37 E	20/39 E	19/36 E	17/34 E	19/36 E	17/34 E	16/33 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-8	-1/-10	-2/-10	-1/-9	-2/-11	-2/-10	-2/-10
300	2/-4	1/-5	1/-5	1/-6	0/-6	0/-6	1/-6
Valley	3/-3	2/-4	2/-4	2/-4	2/-4	1/-5	1/-4
Freezing Level*	500m	400m	300m	400m	300m	200m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds gusting to around 55 mph across highest and most exposed ridges and summits, combined with low temperatures to bring severe wind chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 25 Dec 2021	5.2mm	6.8mm	9.8mm

Forecast for Sunday 26 Dec 2021

Weather: An overcast day with occasional snow which turns to rain below around 500m through the morning. Precipitation becoming more showery in nature from mid to late morning onwards.

Maximum wind: East or southeast with gusts around 35mph at first, gradually decreasing through the day.

Chance of cloud free mountain/hill tops above 600m: 30% with broken to overcast cloud bases around 300m for much of Boxing Day.

Visibility: Moderate to poor in rain and snow, frequently at first then infrequently in later showers. Also becoming only a few metres in cloud.

Temperature: **Valleys:** Plus 2 degrees Celsius increasing to plus 7 degrees Celsius during the afternoon
At 600m: Minus 2 degrees Celsius increasing to plus 2 degrees Celsius later
Freezing level: 100m lifting 700m later

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.